

BIOMORPHIC MISSIONS FOR HUMAN EXPLORATION AND DEVELOPMENT OF SPACE:

Biomorphic Explorers can be deployed/launched by the astronaut to selected destination. Solar navigation is utilized by the launched biomorphic explorer. At the targeted site the explorers obtain close-up imagery and can further deploy surface instruments or biomorphic surface explorers. Thus the human (astronaut) is empowered to obtain extended reach and extended sensory acquisition capability from a location that otherwise would be inaccessible or hazardous to access. Such a mission is illustrated in figure 7 for human exploration and development of space.

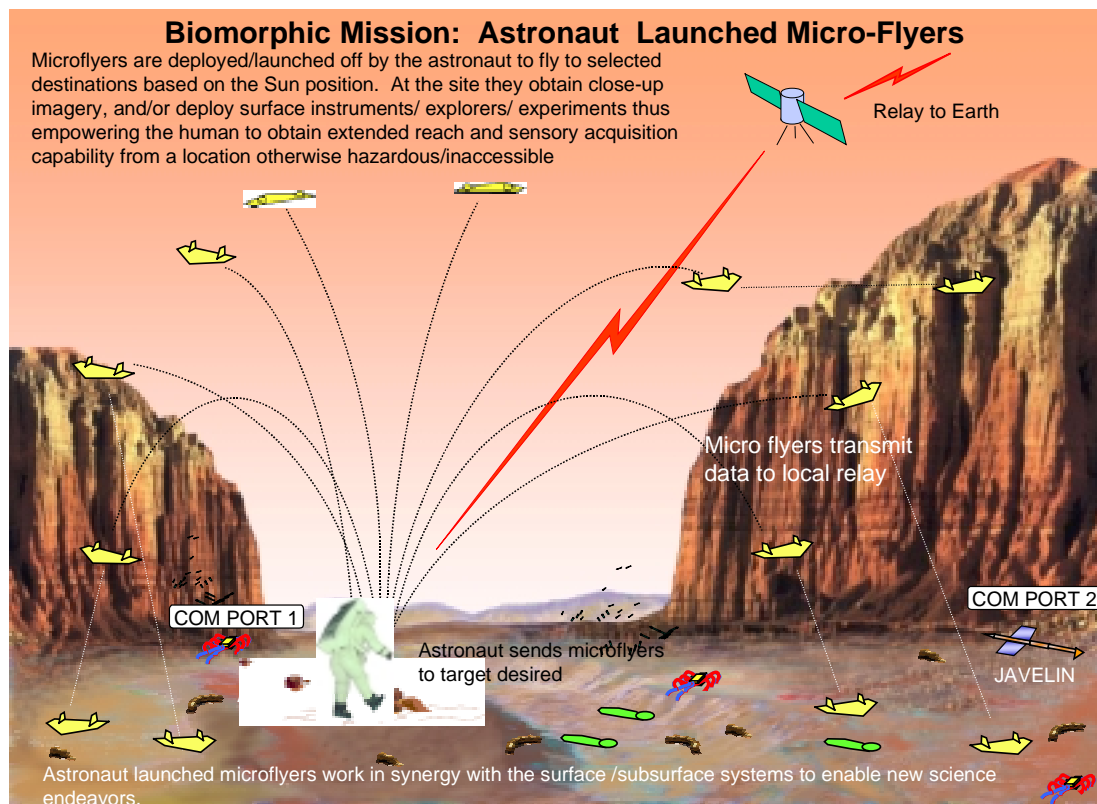


Figure 7: Biomorphic Mission: Astronaut Launched Biomorphic Explorers

Biomorphic Explorers could also assist with the building, repair and periodic maintenance inspection of human habitats on Moon or Mars.